

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT FOR PATENT <i>(Use several sheets if necessary)</i>		ATTY. DOCKET NO.: JB0800 APPLICANT: Malcolm et al. FILING DATE: November 24, 1998		SERIAL NO.: 09/198,723 GROUP:		
U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
RZ	AL WO 9636702 A	11/1996	PCT	—	—	
RZ	AM WO 9708304 A	3/1997	PCT	—	—	
	AN					
	AO					
	AP					
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
RZ	AQ	Urbani, A. et al. J.B.C. (1997), v. 272, 14, pp 9204-9209				
RZ	AR	Steinkuhler C., et al., J. Virology (1996) v. 70, 10, pp 6694-6700				
RZ	AS	Landro, J. et al., Biochemistry (1997) v. 36, pp 9340-9348				
RZ	AT	Zhang, R. et al. J. Virology (1997), v. 71, No. 8, pp 6208-6213				
	AU	International Search Report May 25, 1999				
RZ	AV	Kim, J. L. et al., "Crystal Structure of the Hepatitis C Virus NS3 Protease Domain Complexed With A Synthetic NS4A Cofactor Peptide," Cell vol. 87, No. 4, 10/18/96 pp 343-355				
RZ	AW	Yan, Y. et al. "Complex of NS3 Protease and NS4 Peptide of BK Strain Hepatitis C Virus," Protein Science, vol. 7, No. 4, April 1998, pp 837-847				
RZ	AX	Bartenschlager, R. et al., "Complex Formation Between The NS3 Serine-Type Proteinase of the Hepatitis C Virus and NS4A And Its Importance For Polyprotein Maturation," Journal of Virology, vol. 69, No. 12, 1 December 1995 pp 7519-7528				
RZ	AZ	Lin, C. et al., "Hepatitis C Virus NS3 Serine Proteinase: Trans-Cleavage Requirements and Processing Kinetics," Journal of Virology, vol. 68, No. 12, 1 December 1994, pp 8147-8157				
RZ	BA	Kim, D. W. et al., "C-Terminal Domain of the Hepatitis C Virus NS3 Protein Contains An RNA Helicase Activity," Biochemical and Biophysical Research Communications, vol. 215, No. 1, 4 October 1995 pp 160-166				
RZ	BB	Taremi, S. S. et al. "Construction, expression, and characterization of a novel fully activated recombinant single-chain hepatitis C virus protease," Protein Science, (1998 Oct) 7 (10) 2143-9, Journal Code: BNW, ISSN: 0961-8368				
RZ	BC	Dimasi, N. et al., "Engineering, characterization and phage display of hepatitis C virus NS3 protease and NS4A cofactor peptide as a single-chain protein," Protein Engineering, (1998 Dec) 11 (12) 1257-65. Journal Code: PR1, ISSN: 0269-2139				
EXAMINER <i>Robert Zema</i>			DATE CONSIDERED <i>6/13/2000</i>			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						

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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.:
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SERIAL NO.:
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INFORMATION DISCLOSURE STATEMENT
FOR PATENT

APPLICANT:
Malcolm et al.

FILING DATE:
November 23, 1998

GROUP:

(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

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AO							
AP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

B1	AQ	Wilkinson et al., 1997, Biochemical Society Transactions, 25:S624
	AR	
	AS	
	AT	
	AU	
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	BC	

EXAMINER

DATE CONSIDERED

Robert Zeman

6/13/2000

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